

BRS 51394	carrier near2 signal	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:37
BRS 5698	c/n	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:34
BRS 56522	((carrier near2 signal) or "c/n")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:37
BRS 36994	error near2 rate	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:35
BRS 27432	ber	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:35
BRS 58312	((error near2 rate) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:35
BRS 24993	phase near2 error\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:35
BRS 238	((carrier near2 signal) or "c/n") same ber same ((error near2 rate) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:35
	((carrier near2 signal) or "c/n") same (phase near2 error\$1) same ((error near2 rate) or ber)		
BRS 20	ber	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:38
BRS 5269	carrier near2 noise	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:37
BRS 9613	((carrier near2 noise) or "c/n")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:38
BRS 685	((carrier near2 noise) or "c/n") same ((error near2 rate) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:39
BRS 674	estimat\$ near3 phase adj error\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:39
BRS 36994	(error near2 rate)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:39
BRS 674	estimat\$4 near3 phase adj error\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:39
	((carrier near2 noise) or "c/n") same ((error near2 rate) or ber) same (estimat\$4 near3 phase adj error\$1)		
BRS 0	phase adj error\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:41
	((carrier near2 noise) or "c/n") same ((error near2 rate) or ber) and (estimat\$4 near3 phase adj error\$1)		
BRS 3	phase adj error\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:40
BRS 19	((error near2 rate) or ber) same (estimat\$4 near3 phase adj error\$1)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:48
BRS 24	((carrier near2 noise) or "c/n") same ((error near2 rate) or ber) same loop	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:55
BRS 2137	carrier near4 regenerat\$5	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:53
	((carrier near2 noise) or "c/n") same ((error near2 rate) or ber) same (carrier near4 regenerat\$5)		
BRS 3	((carrier near2 noise) or "c/n") same ((error near2 rate) or ber) same carrier with	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 19:54
	(feedback or (feed adj back) or (fed back))		
BRS 7	loop near2 filter\$4	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:03
BRS 15069	equali\$5	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:03
BRS 167012	equali\$5 or "25"	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:03
BRS 3209155	equali\$5 or (loop near2 filter\$4)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:03
BRS 179992	((equali\$5 or (loop near2 filter\$4)) same ((carrier near2 noise) or "c/n"))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:05
BRS 202	((equali\$5 or (loop near2 filter\$4)) same ((carrier near2 noise) or "c/n")) same ((error near2 rate) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:06
BRS 19	((carrier near2 noise) or "c/n") or cnr	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:07
BRS 10519	((equali\$5 or (loop near2 filter\$4)) same (((carrier near2 noise) or "c/n") or cnr)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:06
BRS 231	((equali\$5 or (loop near2 filter\$4)) same (((carrier near2 noise) or "c/n") or cnr) same ((error near2 rate) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:06
BRS 21	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 20:07
BRS 82708	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:31
BRS 13367	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:31
BRS 8257	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:31
BRS 13839	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:31
BRS 113235	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:34
BRS 61500	((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:34
BRS 5038	loop near3 filter\$3	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:48
BRS 18130	equali\$4 near4 (coefficient\$1 or characteristic\$1)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:35
BRS 6944	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1)))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:45
BRS 24639	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1)))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:46
BRS 74	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) and @ad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:40
BRS 24	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) and @ad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:46
BRS 40	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) and @ad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:46
	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) and @ad<19980918		
BRS 58	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) and @ad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:45
BRS 4796	((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) same ((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i") same ((error near2 rate\$1) or ber) same ((loop near3 filter\$3) or (equali\$4 near4 (coefficient\$1 or characteristic\$1))) and @ad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:47

09/221,291 East Search 8/4/04 JMB



BRS	10	(((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) same ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) not (((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) same ((error near2 rate\$1) or ber)) same ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and @rld<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
BRS	36	(((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) same ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) not (((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) same ((error near2 rate\$1) or ber)) same ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and @ad<19980918) or (((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) same ((error near2 rate\$1) or ber)) same ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5)))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:49
BRS	37	((error near2 rate\$1) or ber) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5)))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:58
BRS	4	5406429.pn. or 4361892.pn.	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:57
		(5406429.pn. or 4361892.pn.) and (((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i"))		
BRS	0	(5406429.pn. or 4361892.pn.) and signal\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:57
BRS	4	(5406429.pn. or 4361892.pn.) and (noise or interference)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:57
BRS	0	(5406429.pn. or 4361892.pn.) and (distortion or fading)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 21:57
BRS	1	(((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5)))		
BRS	30	5335348.pn.	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:02
BRS	2	5335348.pn. and ((error near2 rate\$1) or ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:02
BRS	1	((error near2 rate\$1) or ber) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and (5406429.pn. or 4361892.pn.)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:35
BRS	2	((error near2 rate\$1) or ber) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and (5406429.pn. or 4361892.pn.) and (loop or filter\$3)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:04
BRS	2	((error near2 rate\$1) or ber) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and (5406429.pn. or 4361892.pn.) and gain	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:49
BRS	2	((error near2 rate\$1) or ber) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and (5406429.pn. or 4361892.pn.) and (loop or filter\$3) and (((error near2 rate\$1) or ber) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and (5406429.pn. or 4361892.pn.) and gain	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:06
BRS	2	5335348.pn. and (((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with ((chang\$4 or updat\$4) near4 ((loop near3 filter\$3) or equal\$5))) and 5335348.pn.	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:09
BRS	1	5335348.pn. and psk	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:10
BRS	1	5260671.pn. and equal\$6	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:39
BRS	0	5260671.pn. and carrier\$4 and error\$4	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:40
BRS	2	5260671.pn. and (carrier\$4 with noise) and error\$4	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:41
BRS	2	((carrier adj interference) or cir or "c/i") same updat\$5 taps	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:44
BRS	37896	((carrier adj interference) or cir or "c/i") same updat\$5 near3 taps	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:44
BRS	1	((carrier adj interference) or cir or "c/i") same updat\$5 near3 taps and carrier	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:45
BRS	1	equal\$4 near6 (coefficient\$1 or characteristic\$1)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:45
BRS	8237	(((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) same (equal\$4 near6 (coefficient\$1 or characteristic\$1))		
BRS	311	(loop near3 filter\$3) or (equal\$4 near6 (coefficient\$1 or characteristic\$1))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:45
BRS	25878	(equal\$4 near6 (coefficient\$1 or characteristic\$1)) not (equal\$4 near4 (coefficient\$1 or characteristic\$1))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:46
BRS	1293	(((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:46
BRS	13	((updat\$4 or adapt\$6) near4 (loop or filter\$3)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:48
BRS	23206	((updat\$4 or adapt\$6) near4 (loop or filter\$3)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:50
BRS	49440	((updat\$4 or adapt\$6) near4 (loop or filter\$3)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:50
BRS	621	((updat\$4 or adapt\$6) near4 (loop or filter\$3)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:54

		(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (loop near4 filter\$3)))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
BRS	50		USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:54
BRS	0	6434110.pn. and radio	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
BRS	1166	(updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps) (((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps)))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
BRS	98	(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @ad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
BRS	26	(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @rlad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
BRS	44	(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @rlad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 22:55
		(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @ad<19980918 or ((((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @rlad<19980918	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:03
BRS	61	(5909384.pn. and (ber)) and radio	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:03
BRS	0	5909384.pn. and (ber)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:22
BRS	1	adaptive near2 (equalizer\$1 or equaliser\$1)	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:06
BRS	3268	(adaptive near2 (equalizer\$1 or equaliser\$1)) with bpsk	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:06
BRS	2	(adaptive near2 (equalizer\$1 or equaliser\$1)) with psk	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:07
BRS	6	(adaptive near2 (equalizer\$1 or equaliser\$1)) same bpsk same radio	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:07
BRS	3	(5909384.pn. and (ber)) and equalis\$5	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:14
BRS	1	(5909384.pn. and (ber)) and demod\$8	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:14
		(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @ad<19980918 or ((((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @rlad<19980918) and (5909384.pn. and (ber))	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:21
BRS	1	(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @ad<19980918 or ((((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @rlad<19980918) and (5909384.pn. and (ber))) and shift\$5	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:22
BRS	0	(((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @ad<19980918 or ((((((signal adj noise) or snr or "s/n") or ((signal adj interference) or sir or "s/i") or ((carrier adj noise) or cnr or "c/n") or ((carrier adj interference) or cir or "c/i")) with (detect\$4 or measur\$4)) and ((updat\$4 or adapt\$6) near4 (equaliz\$4 or equalis\$5) near3 (coefficient\$1 or taps))) and @rlad<19980918) and (5909384.pn. and (ber))) and phase	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:22
BRS	1	5909384.pn. and signal\$1	USPAT; US-PGPUB; EPO; DERWENT	8/8/04 23:23
BRS	2	ppm near4 encoding near4 bits	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:07
BRS	1	wait\$4 near4 encoding near4 bits	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:52
BRS	3192	distance near4 between near4 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:52
BRS	3330	distance\$1 near4 between near4 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:52
BRS	1889	distance\$1 near4 between near2 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:52
BRS	1530	distance\$1 near2 between near2 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:21
BRS	7614	encoding near4 bits	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:53
BRS	0	(distance\$1 near2 between near2 pulse\$1) with (encoding near4 bits)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:06
BRS	1	(distance\$1 near2 between near2 pulse\$1) same (encoding near4 bits)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:53
BRS	99	ppm same biphase\$4	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:54
BRS	35	ppm same bi adj phas\$4	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:54
BRS	131	(ppm same biphase\$4) or (ppm same bi adj phas\$4)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:55
BRS	6	((ppm same biphase\$4) or (ppm same bi adj phas\$4)) same bits	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 12:54
BRS	54	((ppm same biphase\$4) or (ppm same bi adj phas\$4)) and @ad<19981223	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:22
BRS	16862	(time or timing) near2 between near2 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:06
BRS	0	((time or timing) near2 between near2 pulse\$1) with (encoding near4 bits)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:06
BRS	2	((time or timing) near2 between near2 pulse\$1) same (encoding near4 bits)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:07

BRS	14593	pulse near2 position	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:07
BRS	3	(pulse near2 position) near4 encoding near4 bits	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:10
BRS	136	(pulse near2 position) near4 encoding	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:10
BRS	18	((pulse near2 position) near4 encoding) with bit\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:13
BRS	207	time near3 period near4 (encoding or encoded or coding or represent\$3) near3 bit\$1 (time near3 period near4 (encoding or encoded or coding or represent\$3) near3 bit\$1)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:22
BRS	38	same pulse	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:14
BRS	16796	(time or distance\$1) near2 between near2 pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:21
BRS	71	(pulse near2 position) near4 (encoding or encoded or coding or represent\$3) near3 bit\$1 ((pulse near2 position) near4 (encoding or encoded or coding or represent\$3) near3	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:27
BRS	44	bit\$1) and @ad<19981223	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:22
BRS	12	((pulse near2 position) near4 (encoding or encoded or coding or represent\$3) near3 bit\$1) and @rlad<19981223	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:22
BRS	46	((((pulse near2 position) near4 (encoding or encoded or coding or represent\$3) near3 bit\$1) and @ad<19981223) or (((pulse near2 position) near4 (encoding or encoded or coding or represent\$3) near3 bit\$1) and @rlad<19981223)	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:22
BRS	9	((time or distance\$1) near2 between near2 pulse\$1) near4 (encoding or encoded or coding or represent\$3) near3 bit\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:58
BRS	1	4625235.pn. and transition\$1	USPAT; US-PGPUB; EPO; DERWENT	8/9/04 13:58